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CIA/FDD/U-7631

WEur - Germany
Soc - Education

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JPRS 7408

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Sci - Phys, Engr

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Studies on Blood Coagulation Following
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ATS-33J190

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NTC 71-15262-11A

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(2496-H)

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JPSS 1474-H

WFO - East Germany

I. Hartmann, Helmut.

PROCESS FOR THE PRODUCTION OF ALIPHATIC
HYDROXY COMPOUNDS, [1962] 17p. 2 refs.

Order from OTS or SLA \$1.60

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Trans. of German patent 1,121,615, H 30661 IVb/12a,
cl. 12a 27, internat. cl. C 07 c, appl. 18 July 57,
by Henkel und Cie., G. m. b. H.

DESCRIPTORS: *Aliphatic compounds, *Hydroxides,
Synthesis (Chemistry), *Carboxylic acids, Esters,
Catalysts, Sulfuric acid, Chlorine compounds, *Fatty
acids, Linoleic acid.

✓ A process for the production of aliphatic hydroxy
compounds by the addition of carboxylic acids to
olefinic unsaturated aliphatic compounds and saponi-
fication of the formed ester compound, is described.
The ester compounds to be saponified are prepared by
(Chemistry--Organic, TT, v. 9, no. 12) (over)

62-18657

I. Hartmann, H.

M. Patent (Germany) 1 121 615

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Study of the Fross Formation on Lead Alloys When An
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S.L.A. Tr 456/1956

Esur - Germany
Scientific - Minerals/Metals

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A New Reagent for the Gravimetric and Volumetric
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GERMAN, Inorganic Chemical Institute of TU Braunschweig

AEC Tr 1606

Handwritten: 237

Scientific - Chemistry

Sep 53 CTS

Handwritten: 5677

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Potential of Aromatic and Unsaturated Compounds, by
Hermann and Svendsen Hartmann, Bonnevle Moj, 15 pp.

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SIA 59-10666

Hartmann, Hermann and Rinck, Günter.

THE DISPROPORTIONATION EQUILIBRIUM OF
TITANIUM TRICHLORIDE. [1960] 25p. (3 figs.
omitted) 30 refs.

Order from SLA ml\$2.70, ph\$4.80 61-10385

Trans. of Zeitschrift für Physikalische Chemie
[Frankfurt] (West Germany) 1957, Neue Folge v. 11
[no. 3/4] p. 213-233.

The equilibrium of the disproportionation of titanium trichloride was measured between 540 and 700°C according to the method of "freezing" the equilibria by chilling. The partial pressure of $TiCl_4$ increases considerably with rising temperature. The disproportionation is therefore endothermic. In the temperature region investigated a mean reaction enthalpy of $\Delta H^\circ = 35.5 \pm 0.5$ kcal and a mean reaction entropy of $\Delta S^\circ = 36.2 \pm 0.6$ cal are obtained. Orientation measurements were made to gain knowledge of the velocity (Chemistry--Physical, TT, v. 5, no. 4) (over)

61-10385

1. Titanium chlorides--
Disproportionation
2. Chemical equilibrium--
Measurement

I. Hartmann, H.
II. Rinck, G.

Office of Technical Services

TT-65-13756

Field 7D

Hartmann, H.; Bosche, H. G.; Heydtmann, H.
EFFECT OF THE LENGTH OF CHAIN ON THERMAL
DECOMPOSITION KINETICS OF PRIMARY CHLOROAL-
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Order from SLA: \$1.60 as TT-65-13756

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Volumetric Determination of Zirconium; Part I.
Titration With KMnO_4 in an Alkaline Solution,
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JFRS 1812-R

Sci - Chem, zirconium
Aug 59

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Hartmann, J.

TESTING THE CURING OF STOVING FINISHES BY
MEANS OF CURRY POWDER. 27 Feb 63, 15 words.
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*Finishes, Powders, *Heaters.

(Materials--Finishes, TT, v. 9, no. 10)

63-12993

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Vol XXIV, No 1, pp 1-21, and Vol XXIV,
No 2, pp 33-47, 1904.
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Sci
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Study of Objectives, by J. Hartmann,
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DESCRIPTORS: *Steel wire, Tensile properties,
*Reinforced concrete, Concrete, Processing, Wire.

(Engineering--Civil, TT, v. 7, no. 1)

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EE - Germany
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2. Metal coatings--Production
- I. Hartmann, L.
- II. Patent (Austria) 171 420
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- IV. Associated Technical
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Orange, N. J.

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ATS 391290

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Sci - ^{Excp} ~~Excp~~

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OTS I, 11

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INVESTIGATIONS OF SLIP PROCESSES IN SINGLE
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SAMPLES (Untersuchung von Gleitvorgängen in
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[1961] [25]p. (foreign text included) 11 refs.
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Trans. of [Zeitschrift für] Metallkunde (West
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DESCRIPTORS: *Copper, Crystals, *Single crystals,
Deformation, Shear stresses, Plastic flow.

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I. Hartmann, R. J.
II. Macherauch, E.

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The Effect of Methyl Groups Upon the Ionization
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pp 16-29.

SLA 59-10666

Sci - Chem
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Vol 2, No 1

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JPRS 16739

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US Dept of Commerce
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Sci - Electricity; Physics
Dec 56 CTS

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Process of Separating Dust From Vapor by Suction and or
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LCM-CLA 59-12557

Sci - Chemistry, Engineering
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THE THEORY OF MEASURE AND LEBESQUE
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Order from PP \$5.00

Trans. of unidentified Polish mono., n.p., n.d.

DESCRIPTORS: *Measure theory, *Integration,
Series, *Mathematics, *Textbooks.

(Mathematics, TT, v. 7, no. 2)

62-12019

I. Hartmen, S.
II. Mikusinski, J.
III. Title: International...
IV. Pergamon Press, Inc.,
New York

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GAS PRODUCERS FOR VEHICLES AND THEIR
FUELS: THE STATE OF THEIR DEVELOPMENT
WITH ESPECIAL REGARD TO THE USE OF FOSSIL
FUELS. [1962] 10p. (figs. refs. omitted).
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Trans. of Brennstoff-Chem[ie] (Germany) 1936, v. 17,
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DESCRIPTORS: *Fuels, *Gas generator engines,
Cases, Vehicles, Production, *Gas-generating systems.

1340176

(Machinery--Engines, TT, v. 9, no. 12)

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(NY-4470),

In Regard to the Mobilization and Organization of
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Pol
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Some Experiences Regarding Internal Party
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JPRS 2782

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Rodolphe Bartoulart

Sci - Chem
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Sci - Phys
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Sci - ^{Eng}
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Sci-
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Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

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EEur - Germany

Econ

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Sci - Med

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FOLLOWING LOCAL RADIATION (Haematologische
Untersuchungen zur Schutzstoffwirkung. 2 Mitteilung:
Die Wirkung von Cystein auf den Ablauf der Strahlen-
reaktion am Knochenmark nach Lokalbestrahlung). Pt. 2
of Hematological Investigations on the Action of Protec-
tive Agents. [1962] 15p. (figs. omitted).
Order from SLA \$1.60

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Trans. of Strahlentherapie (West Germany) [1957]
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DESCRIPTORS: *Cysteine, *Radiation effects, Bone
marrow, *Inhibition, *Radioprotective drugs,
Hemopoiesis.

See also 62-16221

(Biological Sciences--Radiobiology, IT, v. 9, no. 2)

62-16222

I. Hartweg, H.
II. Title: Hematological...

62-16222

Office of Technical Services

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FOLLOWING WHOLE-BODY RADIATION (Haematolo-
gische Untersuchungen zur Schutzstoffwirkung.
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NIH Tr 825

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JPRS 16624

EEUR - GERMANY
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WHA 5-33

Sci - Med

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lungen] (Germany) 1889, v. 18, no. 1, p. 153-233.

DESCRIPTORS: Cihata

(Unannounced)

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